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MAR 2 7 2006

the date shown below:

Typed or printed name

Jeramie J. Keys

Signature

PTO/SB/21 (09-04)
Approved for use through 07/31/2006. OMB 0651-0031

March 23, 2006

. A.O.		Application Number	09/849,97	formation unless it displays a valid OMB control number
TF	RANSMITTAL	Filing Date	May 8, 20	
	FORM	First Named Inventor	Roberts et	· · · · · · · · · · · · · · · · · · ·
		Art Unit	2645	
(to be used to	r all correspondence after initial	Examiner Name	Sing, S.P.	
		Attorney Docket Number	20009.008	86US01 (BS00-338)
	<del></del>	ENCLOSURES (Check al	il that apply	<u></u>
Amendm  Amendm  A  Extensio  Express  Informati  Certified Document  Reply to Incomple	nsmittal Form Fee Attached nent/Reply After Final Affidavits/declaration(s) on of Time Request Abandonment Request ion Disclosure Statement Copy of Priority nt(s) Missing Parts/ ete Application Reply to Missing Parts under 37 CFR 1.52 or 1.53	Drawing(s)  Licensing-related Papers  Petition Petition to Convert to a Provisional Application Power of Attorney, Revocatic Change of Correspondence Terminal Disclaimer Request for Refund CD, Number of CD(s) Landscape Table on C  Remarks	Address	After Allowance Communication to To Appeal Communication to Board of Appeals and Interferences  Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) Proprietary Information  Status Letter Other Enclosure(s) (please Identify below): Return Postcard PTO Form SB08A (23 sheets) References
	SIGNA	TURE OF APPLICANT, ATTO	RNEY (	OR AGENT
irm Name	WITHERS & KEYS, LLC	2	,	
ignature	Jamin	Kus		-
rinted name	Jeramie J. Keys	/		
Pate	March 23, 2006		Reg. No.	42,724
		ERTIFICATE OF TRANSMISS		ILING

PTO/SB/17 (12-04)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Complete if Known Effective on 12/08/2004. rsuant to the Consolidated Appropriations Act. 2005 (H.R. 4818). 09/849,971 **Application Number** FEE TRANSMITTA May 8, 2001 Filing Date For FY 2005 Roberts et al. First Named Inventor Sing, S.P. **Examiner Name** Applicant claims small entity status. See 37 CFR 1.27 2645 Art Unit TOTAL AMOUNT OF PAYMENT (\$) 180.00 20009.0086US01 (BS00-338) Attorney Docket No. METHOD OF PAYMENT (check all that apply) Check Credit Card Money Order None Other (please identify): Deposit Account Deposit Account Number: Deposit Account Name: For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee Charge any additional fee(s) or underpayments of fee(s) Credit any overpayments under 37 CFR 1.16 and 1.17 WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. **FEE CALCULATION** 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

		EES mall Entity		H FEES Small Entity	\$	TION FEES	
Application Type	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	Fees Paid (\$)
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	
. EXCESS CLAIM FE	ES						Small Entity

Fee Description
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent
Multiple dependent claims

Fee (\$)
Fee (\$)

25

100

180

<u> Total Claims</u>		Extra Claims	<u>Fee (\$)</u>		Fee Paid (\$)	 Multiple Deper	dent Claims
	- 20 or HP =		x	=		Fee (\$)	Fee Paid (\$)
HP = highest i	number of total	claims paid for, if	greater than 20	_			
ndep. Claim	<u>s</u>	Extra Claims	Fee (\$)		Fee Paid (\$)		
	3 or HD -		~	_			

HP = highest number of independent claims paid for, if greater than 3

3. APPLICATION SIZ	IZE	E FEE
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If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof | Fee (\$) | = |

- 100 = | / 50 = | (round up to a whole number) | x | = |

4. OTHER FEE(S) | Fees Paid (\$)

Non-English Specification, \$130 fee (no small entity discount)
Other: Late filing fee for Information Disclosure Statement

\$180.00

SUBMITTED BY			
Signature	Chamilers	Registration No. 42,724 (Attorney/Agent)	Telephone 678-565-4748
Name (Print/Type)	Jeramie J. Keys		Date March 23, 2006

**PATENT** 

9/849,971

<u>IN THE UNITED STATES PATENT AND TRADEMARK OFFICE</u>

Applicant:

Roberts et al.

Examiner:

Sing, S.P.

Serial No.:

09/849,971

Group Art Unit:

2645

Filed:

May 8, 2001

Docket No.:

20009.0086US01 (BS00-338)

Title:

Device and Method for Augmenting Cellular Telephone Audio Signals

**CERTIFICATE UNDER 37 CFR 1.8:** 

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313 450 on March 23, 2006.

Mane: Jeramie J. Keys

**INFORMATION DISCLOSURE STATEMENT (37 C.F.R. § 1.97(c)(2)** 

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed SB08 form are brought to the attention of the Examiner.

This statement should be considered because it is submitted after first office action on the merits but before an action closing prosecution. This information disclosure statement is being submitted with the appropriate fee due.

In accordance with 37 C.F.R. §1.98(a)(2), a copy of each foreign patent document and non-patent literature listed on the enclosed SB08 form is provided.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

03/28/2006 EFLORES 00000019 09849971

01 FC:1806

180.00 OP

Application Number: 09/849,971

Attorney Docket Number: 20009.0086US01

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached SB08 form, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please charge any additional fees or credit any overpayment to Deposit Account No. 503025.

WITHERS & KEYS, LLC P.O. Box 71355 Marietta, GA 30007-1355 678-565-4748

Name: Jeramie J. Keys Reg. No.: 42,724

Initials: JJK

PTO/SB/08A (08-03)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE der the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 23

Complete if Known				
Application Number	09/849,971			
Filing Date	May 8, 2001	_		
First Named Inventor	Roberts et al.			
Art Unit	2645			
Examiner Name	Sing, S.P.			
Attorney Docket Number	20009.0086US01 (BS00-338)			

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (fl known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
	1	<sup>US-</sup> 6,845,151	01/18/2005	Peng	
	2	<sup>US-</sup> 6,831,974	12/14/2004	Watson et al.	
	3	<sup>US-</sup> 6,826,271	11/30/2004	Kanabar et al.	_
	4	<sup>US-</sup> 6,816,481	11/09/2004	Adams et al.	
	5	<sup>US-</sup> 6,810,115	10/26/2004	Fukuda	
	6	<sup>US-</sup> 6,807,267	10/19/2004	Moss et al.	
-	7	<sup>US-</sup> 6,785,368	08/31/2004	Eason et al.	
	8	<sup>US-</sup> 6,785,301	08/31/2004	Chapman et al.	
	9	<sup>US-</sup> D949,953	08/24/2004	Leung	
	10	<sup>US-</sup> 6,771,755	08/03/2004	Simpson	
	11	<sup>US-</sup> 6,771,754	08/03/2004	Pelletier et al.	
	12	<sup>US-</sup> 6,766,003	07/20/2004	Moss et al.	
	13	<sup>US-</sup> 6,748,068	06/08/2004	Walsh et al.	
	14	<sup>US-</sup> 6,748,058	06/08/2004	Schwend et al.	
	15	US- 6,731,727	05/04/2004	Corbett et al.	
	16	<sup>US-</sup> 6,728,355	04/27/2004	Kowalski	
	17	<sup>US-</sup> 6,718,021	04/06/2004	Crockett et al.	
	18	<sup>US-</sup> 6,650,743	11/18/2003	Heinmiller et al.	
	19	<sup>US-</sup> 6,639,979	10/28/2003	Kim	

	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages			
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T <sup>6</sup>		
	L							

Examiner	 Date	
Signature	Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449/PTO Application Number 09/849,971 May 8, 2001 Filing Date INFORMATION DISCLOSURE First Named Inventor Roberts et al. STATEMENT BY APPLICANT Art Unit 2645

(Use as many sheets as necessary) **Examiner Name** 

Sing, S.P. Attorney Docket Number 20009.0086US01 (BS00-338) Sheet 2

				DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2</sup> (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
	20	<sup>US-</sup> 6,631,181	10/07/2003	Bates et al.	
	21	<sup>US-</sup> 6,574,319	06/03/2003	Latter et al.	1
	22	<sup>US-</sup> 6,570,971	05/27/2003	Latter et al.	
	23	<sup>US-</sup> 6,560,317	05/06/2003	Quagliana	
	24	<sup>US-</sup> 6,553,110	04/22/2003	Peng	
	25	<sup>US-</sup> 6,546,092	04/08/2003	Corbett et al.	
,	26	<sup>US-</sup> 6,542,591	04/01/2003	Amro et al.	
	27	<sup>US-</sup> 6,542,583	04/01/2003	Taylor	
	28	<sup>US-</sup> 6,529,591	03/04/2003	Dosani et al.	
	29	<sup>US-</sup> 6,498,841	12/24/2002	Bull et al.	
-	30	<sup>US-</sup> 6,496,571	12/17/2002	Wilson	
	31	<sup>US-</sup> 6,496,569	12/17/2002	Pelletier et al.	
	32	<sup>US-</sup> 6,493,439	12/10/2002	Lung et al.	
	33	<sup>US-</sup> 6,480,589	11/12/2002	Lee et al.	
	34	<sup>US-</sup> 6,449,351	09/10/2002	Moss et al.	
	35	<sup>US-</sup> 6,445,781	09/03/2002	Heinmiller et al.	
	36	<sup>US-</sup> 6,442,262	08/27/2002	Moss et al.	
	37	<sup>US-</sup> 6,427,003	07/30/2002	Corbett et al.	
	38	<sup>US-</sup> 6,366,772	04/02/2002	Arnson	

	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages			
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T <sup>6</sup>		

Examiner	Date	
Signature	Considered	

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Attorney Docket Number 20009.0086US01 (BS00-338))

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Substitute for form 1449/PTO	Complete if Known		
	Application Number	09/849,971	
INFORMATION DISCLOSURE	Filing Date	May 8, 2001	
	First Named Inventor	Roberts et al.	
STATEMENT BY APPLICANT	Art Unit	2645	
(Use as many sheets as necessary)	Examiner Name	Sing, S.P.	

23

Sheet

			U. S. PATENT	T DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (f known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	39	<sup>US-</sup> 6,351,637	02/26/2002	Lee	
	40	<sup>US-</sup> 6,345,187	02/05/2002	Berthowd et al.	
	41	<sup>US-</sup> 6,341,161	02/22/2002	Latter et al.	
	42	<sup>US-</sup> 6,339,639	01/15/2002	Henderson	
	43	<sup>US-</sup> 6,332,021	12/18/2001	Latter et al.	
	44	<sup>US-</sup> 6,324,271	11/27/2001	Sawyer et al.	
	45	<sup>US-</sup> 6,317,488	11/13/2001	DePond et al.	
	46	<sup>US-</sup> 6,310,943	10/30/2001	Kowalski	
	47	<sup>US-</sup> 6,304,644	10/16/2001	Karnowski	
	48	<sup>US-</sup> 6,292,549	09/18/2001	Lung et al.	
	49	<sup>US-</sup> 6,292,479	09/18/2001	Bartholomew et al.	
	50	<sup>US-</sup> 6,282,275	08/28/2001	Gurbani et al.	
	51	<sup>US-</sup> 6,266,399	07/24/2001	Weller et al.	
	52	<sup>US-</sup> 6,243,461	06/05/2001	Hwang	
	53	<sup>US-</sup> 6,243,448	06/05/2001	Corbett et al.	
	54	<sup>US-</sup> 6,219,407	04/17/2001	Kanwsky et al.	
	55	<sup>US-</sup> D437,879	02/20/2001	Weinandt	
	56	<sup>US-</sup> 6,178,232	01/23/2001	Latter et al.	
	57	<sup>US-</sup> 6,173,049	01/09/2001	Malik	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages		
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	, , , , , , , , , , , , , , , , , , , ,	Or Relevant Figures Appear	۲	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Substitute for form 1449/PTO

Sheet 4

(Use as many sheets as necessary)

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Application Number	09/849,971				
Filing Date	May 8, 2001				
First Named Inventor	Roberts et al.				
Art Unit	2645	****			
Examiner Name	Sing, S.P.				
Attorney Docket Number	20009.0086US01 (BS00-338)				

			U. S. PATEN	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (# known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	58	<sup>US-</sup> 6,163,691	12/19/2000	Buettner et al.	
	59	<sup>US-</sup> 6,160,876	12/12/2000	Moss et al.	
	60	<sup>US-</sup> 6,154,531	11/28/2000	Clapper	
	61	<sup>US-</sup> 6,137,871	10/24/2000	Maier et al.	
	62	<sup>US-</sup> 6,111,939	08/29/2000	Brabaner	
	63	<sup>US-</sup> 6,108,630	08/22/2000	Kuechler et al.	
	64	<sup>US-</sup> 6,101,246	08/08/2000	Heinmiller et al.	
	65	<sup>US-</sup> 6,061,434	05/09/2000	Corbett	
	66	<sup>US-</sup> 6,044,148	03/28/2000	Bleile	
	67	<sup>US-</sup> 6,021,188	02/01/2000	Meg	
	68	<sup>US-</sup> 5,982,866	11/09/1999	Kowalski	
	69	<sup>US-</sup> 5,970,128	10/19/1999	Kim	
	70	<sup>US-</sup> 5,970,127	10/19/1999	Smith et al.	
	71	<sup>US-</sup> 5,969,647	10/19/1999	Mou et al.	
	72	<sup>US-</sup> 5,953,399	09/14/1999	Farris et al.	
	73	<sup>US-</sup> D413,605	09/07/1999	Thomas	
	74	<sup>US-</sup> 5,940,484	08/17/1999	De Fazio et al.	
	75	<sup>US-</sup> 5,915,000	06/22/1999	Nguyen et al.	
	76	<sup>US-</sup> 5,905,794	05/18/1999	Guns et al.	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages		
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	ו	
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Signature	Considered	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet |5

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	77	<sup>US-</sup> 5,903,636	05/11/1999	Malik	
	78	<sup>US-</sup> 5,901,212	05/04/1999	True et al.	
- <del>-</del>	79	<sup>US-</sup> 5,859,903	01/12/1999	Lee	
	80	<sup>US-</sup> 5,841,850	11/24/1998	Fan	
	81	<sup>US-</sup> 5,841,838	11/24/1998	Itoh et al.	
	82	<sup>US-</sup> 5,802,251	09/01/1998	Cohen et al.	
	83	<sup>US-</sup> 5,796,806	08/18/1998	Brickbichler et al.	
	84	<sup>US-</sup> 5,781,621	07/14/1998	Lim et al.	
	85	<sup>US-</sup> 5,771,283	06/23/1998	Chang et al.	
	86	<sup>US-</sup> 5,771,281	06/23/1998	Batten Jr.	
	87	<sup>US-</sup> 5,754,635	05/19/1998	Kim	
	88	<sup>US-</sup> 5,734,706	03/31/1998	Windsor et al.	
	89	<sup>US-</sup> 5,696,815	12/09/1997	Smyk	
	90	<sup>US-</sup> D383,466	09/09/1997	Burrell et al.	
	91	<sup>US-</sup> 5,644,629	07/01/1997	Chon	
	92	<sup>US-</sup> 5,619,561	04/08/1997	Reese	
	93	<sup>US-</sup> 5,550,905	08/27/1996	Silverman	
	94	<sup>US-</sup> 5,546,447	08/13/1996	Skarbo et al.	
	95	<sup>US-</sup> 5,530,741	06/25/1996	Rubin	

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Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages		
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	replication of order bootiment	Or Relevant Figures Appear	Τ <sup>¢</sup>	
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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449/PTO Application Number 09/849.971 Filing Date May 8, 2001 INFORMATION DISCLOSURE First Named Inventor Roberts et al. STATEMENT BY APPLICANT Art Unit 2645

(Use as many sheets as necessary)

Sheet |6

Examiner Name Sing, S.P. 20009.0086US01 (BS00-338) Attorney Docket Number

		T:		DOCUMENTS	· · · · · · · · · · · · · · · · · · ·
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (f known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	96	<sup>US-</sup> 5,481,594	01/02/1996	Shen et al.	
	97	<sup>US-</sup> 5,452,089	09/19/1995	Miyamoto	
_	98	<sup>US-</sup> 5,425,089	06/13/1995	Chan et al.	
	99	<sup>US-</sup> 5,315,650	05/24/1994	Smith et al.	
	100	<sup>US-</sup> 5,289,542	02/22/1994	Kessler	
	101	<sup>US-</sup> 5,274,699	12/28/1993	Ranz	
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	108	<sup>US-</sup> 2003/0198322	10/23/2003	White	
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Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
 	Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	, , , , , , , , , , , , , , , , , , , ,	Or Relevant Figures Appear	T
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

Substitute for form 1449/PTO

Col	mplete if Known	
Application Number	09/849,971	
Filing Date	May 8, 2001	
First Named Inventor	Roberts et al.	
Art Unit	2645	
Examiner Name	Sing, S.P.	
Attorney Docket Number	20009.0086US01 (BS00-338)	

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	113	<sup>US-</sup> 6,633,633	10-14-2003	Bedingfield	
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	115	<sup>US-</sup> 5,953,657	09-14-1999	Ghisler	
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	117	<sup>US-</sup> 5,850,435	12-15-1998	Deviller	
•	118	<sup>US-</sup> 5,812,533	09-12-1998	Cox	
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	120	<sup>US-</sup> 6,141,409	10-31-2000	Madoch	
	121	<sup>US-</sup> 6,404,875	06-11-2002	Malik	
	122	<sup>US-</sup> 6,400,809	06-04-2002	Wesley	
	123	<sup>US-</sup> 6,363,411	03-26-2002	Dugen	
	124	<sup>US-</sup> 4,266,098	05-05-1981	Novak	
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		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	₽₽
	130	WO 97/50225	12-31-97	BellSouth Corp.		
	131	EP 0 821 511 A2	01-28-98	Lucent Technologies		
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Substitute for form 1	449/PTO	Complete if Known		
Substitute for form	14431110	Application Number	09/849,971	
INICODA	ATION DISCLOSURE	Filing Date	May 8, 2001	
INFORMATION DISCLOSURE		First Named Inventor	Roberts et al.	
STATEM	ENT BY APPLICANT	Art Unit	2645	
(Use as many sheets as necessary)		Examiner Name	Sing, S.P.	
Sheet 8	of 23	Attorney Docket Number	20009.0086US01 (BS00-338)	

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Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (f known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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	137	<sup>US-</sup> 4,995,075	02-19-1991	Angiolillo-bent	
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Initials*	No.¹	Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages Or Relevant Figures Appear	Т
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Sub	estitute for form 1449/PTO	Co	mplete if Known	
		Application Number	09/849,971	
INFORMATION DISCLOSURE		Filing Date	May 8, 2001	_
		First Named Inventor	Roberts et al.	
5	TATEMENT BY APPLICANT	Art Unit	2645	
	(Use as many sheets as necessary)	Examiner Name	Sing, S.P.	
Sheet	9 of 23	Attorney Docket Number	20009.0086US01 (BS00-338)	

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Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (# known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	Typinan of olios bossinon	Or Relevant Figures Appear	T <sup>6</sup>
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Sheet	10	of 23		Attorney Docket Number	20009.0086US01 (BS00-33	Ä١
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			U. S. PATEN	T DOCUMENTS		
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	171	<sup>US-</sup> 5,703,934	12-30-1997	Zicker		-
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	173	<sup>US-</sup> 5,799,072	08-25-1998	Vulcan		
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	175	<sup>US-</sup> 5,805,587	09-08-1998	Norris		
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	185	<sup>US-</sup> 5,923,744	07-13-1999	Cheng		
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	187	<sup>US-</sup> 5,999,207	12-07-1999	Rodriguez		
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Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages	1
	Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T <sup>6</sup>
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		No. 1 Foreign Patent Document	Cite No. Publication  Publication  Date  MM-DD-YYYY	No.¹ Date Applicant of Cited Document	Cite Foreign Patent Document Publication Name of Patentee or Applicant of Cited Document Where Relevant Passages  MM-DD-YYYY  Publication Name of Patentee or Applicant of Cited Document Where Relevant Passages  Or Relevant Figures Appear

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Signature	Considered	
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Sub	stitute for form 1449/l	РТО	· · · · · · · · · · · · · · · · · · ·	Complete if Known			
				Application Number	09/849,971		
IN	IFORMATI	ON DI	SCLOSURE	Filing Date	May 8, 2001		
				First Named Inventor	Roberts et al.		
5			APPLICANT	Art Unit	2645		
	(Use as mai	ny sheets as	necessary)	Examiner Name	Sing, S.P.		
Sheet	11	of	23	Attorney Docket Number	20009.0086US01 (BS00-338)		

			U. S. PATEN	DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (d known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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	194	<sup>US-</sup> 6,091,947	07-18-2000	Sumner	
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	196	<sup>US-</sup> 6,104,800	08-15-2000	Benson	
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Examiner Initials*	Cite No.1	Foreign Patent Document	oreign Patent Document  Publication Date Applicant of Cited Documen  MM.DD.YYYY		Pages, Columns, Lines, Where Relevant Passages	
		Country Code <sup>3 -</sup> Number <sup>4 -</sup> Kind Code <sup>5</sup> (if known)			Or Relevant Figures Appear	
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Sub	stitute for form 1449/PTO	<del>-</del>	Complete if Known		
			Application Number	09/849,971	
IA	IEODMATION DISC	OCUDE	Filing Date	May 8, 2001	
INFORMATION DISCLOSURE			First Named Inventor	Roberts et al.	
S	TATEMENT BY AP		Art Unit	2645	
(Use as many sheets as necessary)		essary)	Examiner Name	Sing, S.P.	
Sheet	12 of 23		Attorney Docket Number	20009.0086US01 (BS00-338)	

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Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (f known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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,	209	<sup>US-</sup> 6,377,979	04-23-2002	Yamashita	
	210	<sup>US-</sup> 6,437,879	08-20-2002	Temple	
	211	<sup>US-</sup> 6,442,249	08-27-2002	Miller	
	212	<sup>US-</sup> 6,483,898	11-19-2002	Lew	
	213	<sup>US-</sup> 6,494,953	12-17-2002	Hayes	
	214	<sup>US-</sup> 6,507,737	01-14-2003	Laham	
	215	<sup>US-</sup> 6,529,500	03-04-2003	Pandharpande	
	216	<sup>US-</sup> 6,556,540	04-29-2003	Mawhinney	
	217	<sup>US-</sup> 6,597,905	07-23-2003	Hijii	
	218	<sup>US-</sup> 6,618,474	09-09-2003	Reese	
	219	<sup>US-</sup> 6,665,388	12-16-2003	Bedingfield	
	220	<sup>US-</sup> 6,683,870	01-27-2004	Archer	
	221	<sup>US-</sup> 6,701,160	03-02-2004	Pinder	
	222	<sup>US-</sup> 6,721,407	04-13-2004	Michelena	
	223	<sup>US-</sup> 6,738,615	05-18-2004	Chow	
	224	<sup>US-</sup> 6,751,457	06-15-2004	Martin	
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	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages			
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	77	Or Relevant Figures Appear			
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INFORMATION DISCLOSUR

Substitute for form 1449/PTO

Sheet 13

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known					
Application Number	09/849,971	_			
Filing Date	May 8, 2001				
First Named Inventor	Roberts et al.				
Art Unit	2645				
Examiner Name	Sing, S.P.				
Attorney Docket Number	20009 0086US01 (BS00-338)				

			U. S. PATENT	T DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (# known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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	231	<sup>US-</sup> 5,459,779	10-17-1995	Backaus	
	232	<sup>US-</sup> 5,608,788	03-04-1997	Demlow	
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	234	<sup>US-</sup> 6,192,115	02-20-2001	Toy	
	235	<sup>US-</sup> 6,353,664	03-05-2002	Cannon	
	236	<sup>US-</sup> 6,411,692	06-25-2002	Scherer	
	237	<sup>US-</sup> 6,493,430	12-10-2002	Leuca	
	238	<sup>US-</sup> 6,687,341	02-03-2004	Koch	
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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear		
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Substitute for form 1449/PTO		Complete ii Known		
		Application Number	09/849,971	
INFORMATION DISCLOSURE		Filing Date	May 8, 2001	
		First Named Inventor	Roberts et al.	
	BY APPLICANT	Art Unit	2645	
(Use as many sh	eets as necessary)	Examiner Name	Sing, S.P.	
Sheet 14	of 23	Attorney Docket Number	20009.0086US01 (BS00-338)	_

Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.1	Number-Kind Code <sup>2 (f known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevan Figures Appear
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	248	<sup>US-</sup> 6,009,321	12-28-1999	Wang	
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	250	<sup>US-</sup> 6,104,784	08-15-2000	Robbins	
	251	<sup>US-</sup> 6,366,661	04-02-2002	Devillier	
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	255	<sup>US-</sup> 5,963,626	10-05-1998	Nabkel	
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Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
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Subs	stitute for form 1449/PTO	90	Complete ii raiowii		
		Application Number	09/849,971		
IN	FORMATION DISCLOS	Filing Date	May 8, 2001		
		i First Named Inventor	Roberts et al.		
S	TATEMENT BY APPLIC	ANT Art Unit	2645		
	(Use as many sheets as necessary)	Examiner Name	Sing, S.P.		
Sheet	15 of 23	Attorney Docket Number	20009.0086US01 (BS00-338)		

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Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (# known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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	Cite No.1	te Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

20009.0086US01 (BS00-338)

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Attorney Docket Number

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449/PTO Application Number 09/849.971 Filing Date May 8, 2001 INFORMATION DISCLOSURE First Named Inventor Roberts et al. STATEMENT BY APPLICANT Art Unit 2645 (Use as many sheets as necessary) Examiner Name Sing, S.P.

Sheet 16

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Examiner Initials*	Cite No.1	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
		Number-Kind Code <sup>2 (fl known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
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	285	<sup>US-</sup> 6,888,927	05-03-2005	Cruickshank	
	286	<sup>US-</sup> 6,853,711	02-08-2005	Brisebois	
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	289	<sup>US-</sup> 5,907,604	05-25-1999	Hsu	
	290	<sup>US-</sup> 6,337,979	01-08-2002	Nakayasu	
	291	<sup>US-</sup> 4,649,533	03-10-1987	Chorley	
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	293	<sup>US-</sup> 6,185,289	02-06-2001	Hetz	
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Substitute for form 1449/PTO	Complete it Known		
	Application Number	09/849,971	
INFORMATION DISCLOSURE	Filing Date	May 8, 2001	
	First Named Inventor	Roberts et al.	
STATEMENT BY APPLICANT	Art Unit	2645	
(Use as many sheets as necessary)	Examiner Name	Sing, S.P.	
Sheet 17 of 23	Attorney Docket Number	20009.0086US01 (BS00-338)	

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (f known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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	304	<sup>US-</sup> 2004/0181587	09-16-2004	Cao	-
	305	<sup>US-</sup> 2004/0208302	10-21-2004	Urban	
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	309	<sup>US-</sup> 2003/0133553	07-17-2003	Khakoo	
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	311	<sup>US-</sup> 2003/0198322	10-23-2003	White	
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	314	<sup>US-</sup> 2002/0009184	01-24-2002	Shnier	
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	319	<sup>US-</sup> 2004/0101118	05-27-2004	Powell	
	320	<sup>US-</sup> 2003/0119503	06-26-2003	Shohara	
	321	<sup>US-</sup> 2004/0171370	09-02-2004	Natarajan	

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	Τ6			

Examiner	Date	
Signature	Considered	

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INFORMATION DISCLOSURE

Substitute for form 1449/PTO

Sheet 18

STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known					
Application Number	09/849,971				
Filing Date	May 8, 2001				
First Named Inventor	Roberts et al.				
Art Unit	2645				
Examiner Name	Sing, S.P.				
Attorney Docket Number	20009 0086LIS01 (BS00-338)				

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	329	<sup>US-</sup> 2002/0196313	12/26/2002	Ruckart	=
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	First Named Inventor	Roberts et al.	
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